Christopher G Proud

List of Publications by Citations

316 papers	21,108 citations	81 h-index	132 g-index
395 ext. papers	22,910 ext. citations	6.6 avg, IF	7.2 L-index

#	Paper	IF	Citations
316	Mitogen-activated protein kinases activate the serine/threonine kinases Mnk1 and Mnk2. *EMBO Journal*, **1997**, 16, 1909-20	13	762
315	Regulation of elongation factor 2 kinase by p90(RSK1) and p70 S6 kinase. *EMBO Journal*, **2001**, 20, 4370-9	13	594
314	The mTOR pathway in the control of protein synthesis. *Physiology*, **2006**, 21, 362-9	9.8	438
313	Signalling to translation: how signal transduction pathways control the protein synthetic machinery. *Biochemical Journal*, **2007**, 403, 217-34	3.8	408
312	Activation of AMP-activated protein kinase leads to the phosphorylation of elongation factor 2 and an inhibition of protein synthesis. *Current Biology*, **2002**, 12, 1419-23	6.3	381
311	Regulation of peptide-chain elongation in mammalian cells. *FEBS Journal*, **2002**, 269, 5360-8		354
310	eIF2 and the control of cell physiology. *Seminars in Cell and Developmental Biology*, **2005**, 16, 3-12	7.5	302
309	Amino acid availability regulates p70 S6 kinase and multiple translation factors. *Biochemical Journal* , **1998**, 334 (Pt 1), 261-7	3.8	293
308	Regulation of mammalian translation factors by nutrients. *FEBS Journal*, **2002**, 269, 5338-49		288
307	The tuberous sclerosis protein TSC2 is not required for the regulation of the mammalian target of rapamycin by amino acids and certain cellular stresses. *Journal of Biological Chemistry*, **2005**, 280, 18717-27	5.4	288
306	The eEF2 kinase confers resistance to nutrient deprivation by blocking translation elongation. *Cell*, **2013**, 153, 1064-79	56.2	276
305	Screen for chemical modulators of autophagy reveals novel therapeutic inhibitors of mTORC1 signaling. *PLoS ONE*, **2009**, 4, e7124	3.7	269
304	The kinase DYRK phosphorylates protein-synthesis initiation factor eIF2Bepsilon at Ser539 and the microtubule-associated protein tau at Thr212: potential role for DYRK as a glycogen synthase kinase 3-priming kinase. *Biochemical Journal*, **2001**, 355, 609-15	3.8	266
303	Activation of AMP-activated protein kinase inhibits protein synthesis associated with hypertrophy in the cardiac myocyte. *Journal of Biological Chemistry*, **2004**, 279, 32771-9	5.4	261
302	Stimulation of the AMP-activated protein kinase leads to activation of eukaryotic elongation factor 2 kinase and to its phosphorylation at a novel site, serine 398. *Journal of Biological Chemistry*, **2004**, 279, 12220-31	5.4	259
301	Regulation of targets of mTOR (mammalian target of rapamycin) signalling by intracellular amino acid availability. *Biochemical Journal*, **2003**, 372, 555-66	3.8	254
300	The phosphorylation of eukaryotic initiation factor eIF4E in response to phorbol esters, cell stresses, and cytokines is mediated by distinct MAP kinase pathways. *Journal of Biological Chemistry* , **1998**, 273, 9373-7	5.4	251

299	Does phosphorylation of the cap-binding protein eIF4E play a role in translation initiation?. *FEBS Journal*, **2002**, 269, 5350-9		239
298	Regulation of eukaryotic initiation factor eIF2B: glycogen synthase kinase-3 phosphorylates a conserved serine which undergoes dephosphorylation in response to insulin. *FEBS Letters*, **1998**, 421, 125-30	3.8	231
297	A novel mTOR-regulated phosphorylation site in elongation factor 2 kinase modulates the activity of the kinase and its binding to calmodulin. *Molecular and Cellular Biology*, **2004**, 24, 2986-97	4.8	217
296	Translation matters: protein synthesis defects in inherited disease. *Nature Reviews Genetics*, **2007**, 8, 711-23	30.1	206
295	Phosphorylation of eukaryotic initiation factor 4E markedly reduces its affinity for capped mRNA. *Journal of Biological Chemistry*, **2002**, 277, 3303-9	5.4	206
294	PKR: a new name and new roles. *Trends in Biochemical Sciences*, **1995**, 20, 241-6	10.3	204
293	PRAS40 is a target for mammalian target of rapamycin complex 1 and is required for signaling downstream of this complex. *Journal of Biological Chemistry*, **2007**, 282, 24514-24	5.4	201
292	Regulation of protein kinase B and glycogen synthase kinase-3 by insulin and beta-adrenergic agonists in rat epididymal fat cells. Activation of protein kinase B by wortmannin-sensitive and -insensitive mechanisms. *Journal of Biological Chemistry*, **1997**, 272, 7713-9	5.4	200
291	The purification and properties of rabbit skeletal muscle glycogen synthase. *FEBS Journal*, **1976**, 68, 21-30		183
290	Distinct signaling events downstream of mTOR cooperate to mediate the effects of amino acids and insulin on initiation factor 4E-binding proteins. *Molecular and Cellular Biology*, **2005**, 25, 2558-72	4.8	178
289	p70 S6 kinase: an enigma with variations. *Trends in Biochemical Sciences*, **1996**, 21, 181-185	10.3	178
288	mTOR inhibitors in cancer therapy. *F1000Research*, **2016**, 5,	3.6	176
287	The mitogen-activated protein kinase signal-integrating kinase Mnk2 is a eukaryotic initiation factor 4E kinase with high levels of basal activity in mammalian cells. *Molecular and Cellular Biology*, **2001**, 21, 743-54	4.8	172
286	Comparative analysis of the regulation of the interferon-inducible protein kinase PKR by Epstein-Barr virus RNAs EBER-1 and EBER-2 and adenovirus VAI RNA. *Nucleic Acids Research*, **1993**, 21, 4483-90	20.1	169
285	mTOR-mediated regulation of translation factors by amino acids. *Biochemical and Biophysical Research Communications*, **2004**, 313, 429-36	3.4	168
284	When translation meets transformation: the mTOR story. *Oncogene*, **2006**, 25, 6423-35	9.2	167
283	Protein phosphorylation in translational control. *Current Topics in Cellular Regulation*, **1992**, 32, 243-369		166
282	The Mnks are novel components in the control of TNF alpha biosynthesis and phosphorylate and regulate hnRNP A1. *Immunity*, **2005**, 23, 177-89	32.3	159

281	Nutrient control of TORC1, a cell-cycle regulator. *Trends in Cell Biology*, **2009**, 19, 260-7	18.3	156
280	Regulation of elongation factor-2 by multisite phosphorylation. *FEBS Journal*, **1993**, 213, 689-99		155
279	The extracellular signal-regulated kinase pathway regulates the phosphorylation of 4E-BP1 at multiple sites. *Journal of Biological Chemistry*, **2002**, 277, 11591-6	5.4	149
278	mTOR's role in ageing: protein synthesis or autophagy?. *Aging*, **2009**, 1, 586-97	5.6	138
277	mTORC1 signaling controls multiple steps in ribosome biogenesis. *Seminars in Cell and Developmental Biology*, **2014**, 36, 113-20	7.5	137
276	Regulation of cyclin D1 expression by mTORC1 signaling requires eukaryotic initiation factor 4E-binding protein 1. *Oncogene*, **2008**, 27, 1106-13	9.2	135
275	Serine 209, not serine 53, is the major site of phosphorylation in initiation factor eIF-4E in serum-treated Chinese hamster ovary cells. *Journal of Biological Chemistry*, **1995**, 270, 21684-8	5.4	133
274	Cellular stresses profoundly inhibit protein synthesis and modulate the states of phosphorylation of multiple translation factors. *FEBS Journal*, **2002**, 269, 3076-85		131
273	The Mnks: MAP kinase-interacting kinases (MAP kinase signal-integrating kinases). *Frontiers in Bioscience - Landmark*, **2008**, 13, 5359-73	2.8	130
272	eIF2B-related disorders: antenatal onset and involvement of multiple organs. *American Journal of Human Genetics*, **2003**, 73, 1199-207	11	125
271	Guanine nucleotides, protein phosphorylation and the control of translation. *Trends in Biochemical Sciences*, **1986**, 11, 73-77	10.3	125
270	GSK3: a SHAGGY frog story. *Trends in Cell Biology*, **1996**, 6, 274-9	18.3	124
269	Targeting Mnks for cancer therapy. *Oncotarget*, **2012**, 3, 118-31	3.3	121
268	Re-evaluating the roles of proposed modulators of mammalian target of rapamycin complex 1 (mTORC1) signaling. *Journal of Biological Chemistry*, **2008**, 283, 30482-92	5.4	118
267	Eukaryotic elongation factor 2 kinase, an unusual enzyme with multiple roles. *Advances in Biological Regulation*, **2014**, 55, 15-27	6.2	117
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265	Ras, PI3-kinase and mTOR signaling in cardiac hypertrophy. *Cardiovascular Research*, **2004**, 63, 403-13	9.9	115
264	Ras/Erk signaling is essential for activation of protein synthesis by Gq protein-coupled receptor agonists in adult cardiomyocytes. *Circulation Research*, **2002**, 91, 821-9	15.7	115

263	Structure and regulation of eukaryotic initiation factor eIF-2. Sequence of the site in the alpha subunit phosphorylated by the haem-controlled repressor and by the double-stranded RNA-activated inhibitor. *FEBS Journal*, **1987**, 166, 357-63		111
262	The phosphorylation of rabbit skeletal muscle glycogen synthase by glycogen synthase kinase-2 and adenosine-3'5'monophosphate-dependent protein kinase. *FEBS Journal*, **1976**, 68, 31-44		109
261	mTORC1 signaling: what we still don't know. *Journal of Molecular Cell Biology*, **2011**, 3, 206-20	6.3	108
260	DNA-damaging agents cause inactivation of translational regulators linked to mTOR signalling. *Oncogene*, **2000**, 19, 3021-31	9.2	108
259	Cross-talk between the ERK and p70 S6 kinase (S6K) signaling pathways. MEK-dependent activation of S6K2 in cardiomyocytes. *Journal of Biological Chemistry*, **2001**, 276, 32670-7	5.4	107
258	Amino acids and mTOR signalling in anabolic function. *Biochemical Society Transactions*, **2007**, 35, 1187-90	5.1	106
257	mTORC1 signalling and mRNA translation. *Biochemical Society Transactions*, **2009**, 37, 227-31	5.1	104
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242	Changes in the phosphorylation of initiation factor eIF-2alpha, elongation factor eEF-2 and p70 S6 kinase after transient focal cerebral ischaemia in mice. *Journal of Neurochemistry*, **2001**, 78, 779-87	6	90
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224	Consolidation and translation regulation. *Learning and Memory*, **2012**, 19, 410-22	2.8	68
223	Coupled activation and degradation of eEF2K regulates protein synthesis in response to genotoxic stress. *Science Signaling*, **2012**, 5, ra40	8.8	68
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220	Tuning Specific Translation in Cancer Metastasis and Synaptic Memory: Control at the MNK-eIF4E Axis. *Trends in Biochemical Sciences*, **2016**, 41, 847-858	10.3	65
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157	Characterization of the initiation factor eIF2B and its regulation in Drosophila melanogaster. *Journal of Biological Chemistry*, **2001**, 276, 3733-42	5.4	36
156	Regulation of the Elongation Phase of Protein Synthesis Enhances Translation Accuracy and Modulates Lifespan. *Current Biology*, **2019**, 29, 737-749.e5	6.3	35

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